

AMENDMENTS TO THE CLAIMS

1. **(original)** An isolated nucleic acid molecule comprising a nucleic acid sequence capable of hybridizing under stringent conditions to a nucleotide sequence of SEQ ID NO: 1.

2. **(amended)** An isolated nucleic acid molecule comprising a nucleic acid sequence capable of hybridizing under stringent conditions to a nucleotide sequence of SEQ ID NO:2, wherein the nucleic acid sequence is at least 70% identical to the nucleotide sequence of SEQ ID NO: 2.

3. **(original)** An isolated nucleic acid molecule comprising a nucleic acid sequence capable of hybridizing under stringent conditions to a nucleotide sequence of SEQ ID NO: 3.
4. **(original)** A method of inhibiting calcineurin activity comprising administering an effective amount of a polypeptide comprising an amino acid sequence which is at least 80% identical to the polypeptide sequence selected from SEQ ID NO: 4, SEQ ID NO: 5 or SEQ ID NO: 24.

Claims 5-7 (withdrawn)

8. **(previously added)** A method for identifying a compound that modulates the activity or level of a Csp protein, comprising contacting a cell comprising a Csp protein with a test compound and determining the level or activity of the Csp protein or the level of a Csp RNA in the cell, wherein a higher or lower level or activity of the Csp protein or level of Csp RNA in the cell contacted with the test compound relative to a cell that was not contacted with the test compound indicates that the test compound is a compound that modulates the activity or level of the Csp protein or level of Csp RNA.
9. **(previously added)** The method of claim 8, wherein the method comprises determining the level of a Csp protein, wherein a higher or lower level of the Csp protein in the cell contacted with the test compound relative to a cell that was not contacted with the test compound indicates that the test compound is a compound that modulates the level of the Csp protein.
10. **(previously added)** The method of claim 9, wherein determining the level of a Csp protein comprises using an antibody binding specifically to the Csp protein.
11. **(previously added)** The method of claim 10, wherein the antibody is selected from the group consisting of 9A11, 25D6, 11E1, 16G5 and 3F4A.
12. **(previously added)** The method of claim 8, wherein the Csp protein is a Csp1 protein.

13. **(new)** The method of claim 8, wherein the Csp protein is a Csp2 protein.